

Title (en)
COOLING FLUID CONTAINER

Title (de)
BEHÄLTER MIT KÜHLFLÜSSIGKEIT

Title (fr)
POCHE DE LIQUIDE DE REFROIDISSEMENT

Publication
EP 0789524 A4 20000223 (EN)

Application
EP 95934446 A 19950918

Priority
• US 9511874 W 19950918
• US 33118394 A 19941028

Abstract (en)
[origin: US6128795A] A thermal regulating cushioning device for heating and/or cooling is provided. The thermal regulating device comprises a flexible, deformable outer membrane being adapted to sealably receive a liquid-like material therein. A foam core is disposed within the flexible, deformable outer membrane wherein the foam core has a dimension substantially coincident with the outer membrane. A liquid-like material is sealably contained within the flexible, deformable outer membrane and saturating the foam core with the liquid material being at least partially circutable through the foam core wherein the cooperation of the saturated foam core and the sealable flexible membrane provide a uniform, thermal regulating medium and structural support such that the cushioning device is readily, uniformly deformable when a load is applied thereto. An external heater and/or cooler circulates the liquid through the cushioning device.

IPC 1-7
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IPC 8 full level
A01K 1/015 (2006.01); **A01K 1/035** (2006.01); **A47C 21/04** (2006.01); **A47C 27/00** (2006.01); **A47C 27/08** (2006.01); **A47C 27/18** (2006.01); **A47G 9/00** (2006.01); **A47G 9/10** (2006.01); **B65D 81/18** (2006.01); **F25D 3/00** (2006.01)

CPC (source: EP US)
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Citation (search report)
No further relevant documents disclosed

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US 5991948 A 19991130; AT E286360 T1 20050115; AU 3678095 A 19960523; BR 9504593 A 19960416; CA 2203764 A1 19960509; CA 2203764 C 20050426; DE 69533908 D1 20050210; DE 69533908 T2 20060406; EP 0789524 A1 19970820; EP 0789524 A4 20000223; EP 0789524 B1 20050105; ES 2236713 T3 20050716; JP H10508513 A 19980825; KR 100393428 B1 20031224; PT 789524 E 20050531; US 5632051 A 19970527; US 6128795 A 20001010; WO 9613186 A1 19960509

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